

# Solid Waste Stabilization and Disposition (RL-0013)/Operate Waste Disposal Facility (RL-0080)

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*Implemented new misting system for open-air  
retrieval*

## Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition*, and RL-0080, *Operate Waste Disposal Facility*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of July 2007.

## Notable Accomplishments

- Six shipments (63 cubic meters [m<sup>3</sup>]) to the Waste Isolation Pilot Plant (WIPP) were completed in July, including the first shipment of Poly-chlorinated bi-phenols (PCBs).
  - A backlog of 282 m<sup>3</sup> of certified waste was available for shipment at the end of the month.
  - Completed Carlsbad Area Field Office (CBFO) recertification audits with no Corrective Action Reports issued.
- A total of 318 m<sup>3</sup> of suspect Transuranic (TRU) waste was retrieved during July. Ecology agreed to allow container transfers from 218-E-12B and 218-W-3A to the 218-W-4C Process Area, without starting a 90-day designation clock.
- During July, an additional 113 m<sup>3</sup> of mixed low-level waste (MLLW) was dispositioned.

## FY 2007 Funds vs. Spend Forecast (\$M)

		Projected FY 2007 Funding	FY 2007 Fiscal Year Spend Forecast	Variance
RL-0013	Solid Waste Stabilization & Disposition	\$ 212.2	\$ 193.5	\$ 18.6
RL-0080	Operate Waste Disposal Facility	\$ 3.3	\$ 2.5	\$ 0.8
TOTAL:		\$ 215.4	\$ 196.0	\$ 19.4

## Schedule/Cost Performance (\$M)

Current Period (Month)		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY07)
RL-0013	Solid Waste Stabilization & Disposition	\$13.7	\$16.4	\$14.0	\$2.6	19.3%	\$2.3	14.3%	\$183.0
RL-0080	Operate Waste Disposal Facility	\$0.3	\$0.3	\$0.3	-\$0.1	-21.4%	\$0.0	-3.5%	\$3.1
TOTAL		\$14.0	\$16.6	\$14.3	\$2.6	18.3%	\$2.3	14.0%	\$186.1

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

## Schedule/Cost Performance (\$M), continued

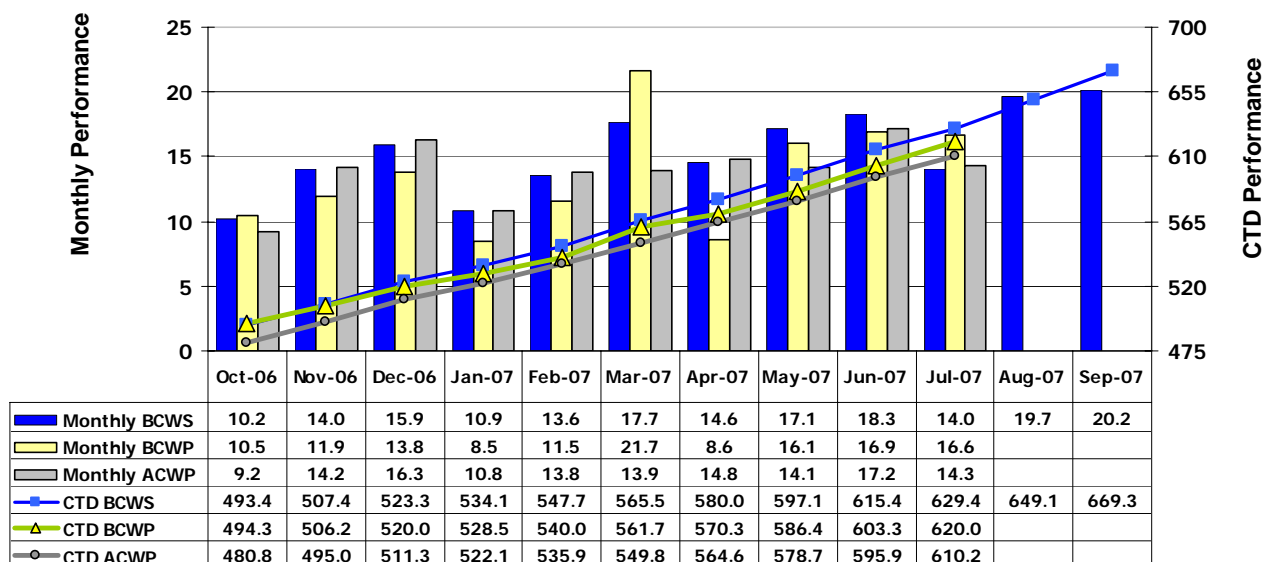
Cumulative-to-Date (FY 2004-Present)		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (CTD)
RL-0013	Solid Waste Stabilization & Disposition	\$612.9	\$603.7	\$596.4	-\$9.2	-1.5%	\$7.3	1.2%	\$870.5
RL-0080	Operate Waste Disposal Facility	\$16.6	\$16.3	\$13.8	-\$0.3	-1.6%	\$2.5	15.2%	\$20.0
<b>TOTAL</b>		<b>\$629.4</b>	<b>\$620.0</b>	<b>\$610.2</b>	<b>-\$9.5</b>	<b>-1.5%</b>	<b>\$9.7</b>	<b>1.6%</b>	<b>\$890.5</b>

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

**CTD Schedule Performance (-\$9.5M/-1.5%):** TRU Retrieval is behind due to elevated vapor levels and degraded waste containers, and delays in construction projects at T Plant and the 200 Area Effluent Treatment Facility (ETF). Criticality Safety Evaluation Report (CSER) related material movement restrictions impacted waste processing operations during the previous quarter. TRU Retrieval and WIPP certification production resumed in July.

**CTD Cost Performance (+\$9.7M/+1.6%):** The positive variance is a result of efficiencies in WIPP certification and at the 200 Area ETF, cost savings from 183-H waste disposal at the Environmental Restoration Disposal Facility (ERDF), and favorable passbacks. Efficiencies in operation of the Mixed Waste Disposal Units also result in positive variances in PBS RL-0080.

### Performance Analysis CTD and Monthly (\$M)



## Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comment
M-091-03D	Submit Revision of TRUM and MLLW PMP to Ecology	TPA	12/28/06	12/27/07		Complete
M-91-40D (WMG-07-002)	Retrieve a cumulative 4,700 m <sup>3</sup>	TPA	12/31/06	11/30/06		Complete
M-91-40R (WMG-07-003)	Complete Retrieval of Trench 4, Burial Ground 218-W-4C	TPA	12/31/06	11/21/06		Complete
M-91-42C (WMG-07-004)	Treat a cumulative 4,890 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/06	8/29/06		Complete
M-91-42I	Certify 3,000 m <sup>3</sup> of TRU Waste	TPA	12/31/06		9/30/08	Missed
M-092-05	Include Cs/Sr Treatment and/or Repackaging Parameters in DOE RFP	TPA	6/30/07			Change Request approved: date moved to 2017
M-26-01P	Submit Annual LDR Report	TPA	4/30/07	4/27/07		Complete
M-91-45D	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/07		9/30/07	On Schedule
M-91-12	Complete thermal treatment of a cumulative 600 m <sup>3</sup> of CH-MLLW	TPA	11/16/07	6/14/07		Complete